In the Claims:

Claims 1 to 18 stand of record in the case.

Claims 9 to 18 stand rejected.

Claims 1 to 18 are subject to restriction and/or election.

Explanation of Amendments in the Claims:

Claims 1 through 18 (cancel).

19.(new) A method of storing and supplying semen comprising:

providing the semen in a plurality of separate storage tubes;

providing a transportable carrying member for receiving and supporting a plurality of the separate storage tubes;

providing a container having a refrigerated interior for receiving and storing the semen within the storage tubes on the transportable carrying member;

providing in the refrigerated interior a mounting member for the transportable carrying member;

with the mounting member in place within the refrigerated interior placing the transportable carrying member on the mounting member;

with the mounting member in place within the refrigerated interior, repeatedly operating the mounting member to effect movement of the transportable carrying member with the separate storage tubes thereon so as to prevent settling of the particulates in the semen to the bottom of its respective separate storage tube;

and storing the separate storage tubes on the transportable carrying member on the mounting member in the refrigerated interior while repeatedly operating the mounting member to effect said movement;

the transportable carrying member being removed with the separate storage tubes thereon from the mounting member for transportation of the semen.

20.(new) The method according to claim 19 wherein there is provided a plurality of the transportable carrying members each having a plurality of said separate

storage tubes and wherein the mounting member is arranged to simultaneously receive and to simultaneously effect said movement of said plurality of transportable carrying members, each of the transportable carrying members being separately removable from the mounting member.

21.(new) A method of storing and supplying semen comprising:

providing the semen in a plurality of separate storage tubes;

providing a transportable carrying member for receiving and supporting a plurality of the separate storage tubes;

providing a container having a refrigerated interior for receiving and storing the semen within the storage tubes on the transportable carrying member;

providing in the refrigerated interior a mounting member for the transportable carrying member;

with the mounting member in place within the refrigerated interior placing the transportable carrying member on the mounting member;

with the mounting member in place within the refrigerated interior, repeatedly operating the mounting member to effect movement of the transportable carrying member with the separate storage tubes thereon so as to prevent settling of the particulates in the semen to the bottom of its respective separate storage tube;

and storing the separate storage tubes on the transportable carrying member on the mounting member in the refrigerated interior while repeatedly operating the mounting member to effect said movement;

the transportable carrying member being removed with the separate storage tubes thereon from the mounting member for transportation of the semen;

the mounting member and the transportable carrying member being arranged such that the separate storage tubes, with the transportable carrying member in place on the mounting member within the refrigerated interior, are arranged with a longitudinal axis of each tube generally horizontal;

the mounting member and the transportable carrying member being arranged such that, with the transportable carrying member in place on the mounting member within the refrigerated interior, said movement of the separate storage tubes is effected about a horizontal tilt axis generally at right angles to said longitudinal axis to rock the longitudinal axis back and forth about said tilt axis to mix the semen within the tube end to end of the tube.

22.(new) The method according to Claim 21 wherein there is provided a plurality of the transportable carrying members each having a plurality of said separate storage tubes and wherein the mounting member is arranged to simultaneously receive and to simultaneously effect said movement of said plurality of transportable carrying members, each of the transportable carrying members being separately removable from the mounting member.

23.(new) The method according to Claim 22 wherein the plurality of the transportable carrying members are mounted in a stack one above the next on the mounting member.

24.(new) A method of storing and supplying semen comprising:

providing the semen in a plurality of separate storage tubes;

providing a plurality of transportable carrying trays each for receiving and supporting a plurality of the separate storage tubes;

providing a container having a refrigerated interior for receiving and storing the semen within the storage tubes on the transportable carrying member;

providing in the refrigerated interior a mounting rack having a plurality of separate receptacles arranged in a upright stack each for receiving and supporting a respective one of the transportable carrying trays;

with the mounting rack in place within the refrigerated interior placing the transportable carrying trays in the separate receptacles on the mounting member;

with the mounting rack in place within the refrigerated interior, repeatedly operating the mounting rack to effect movement of the transportable carrying trays with the separate storage tubes thereon so as to prevent settling of the particulates in the semen to the bottom of its respective separate storage tube;

and storing the separate storage tubes on the transportable carrying trays on the mounting rack in the refrigerated interior while repeatedly operating the mounting rack to effect said movement;

the transportable carrying trays being individually removed with the separate storage tubes thereon from the stack of receptacles of the mounting rack for transportation of the semen;

the mounting rack and the transportable carrying trays being arranged such that the separate storage tubes, with the transportable carrying trays in place on the mounting rack within the refrigerated interior, are arranged with a longitudinal axis of each tube generally horizontal;

the mounting rack and the transportable carrying trays being arranged such that, with the transportable carrying trays in place on the mounting rack within the

refrigerated interior, said movement of the separate storage tubes is effected about a horizontal tilt axis generally at right angles to said longitudinal axis to rock the longitudinal axis back and forth about said tilt axis to mix the semen within the tube end to end of the tube.